ABSTRACT

To provide a diaphragm valve 1 in which a diaphragm valve element 20 airtightly closes open ends on an upper surface of a body 10 to provide a valve-closed state when the diaphragm valve element 20 is pressed against a valve seat 13 by urging force of an urging member 33, and to provide a valve-open state when the diaphragm valve element 20 is separated from the valve seat 13. The diaphragm valve element 20 comprises a main body 21 in contact with the valve seat 13, a diaphragm part 22 extending outwards from the main body 21, and a fixed part 23 formed at a peripheral edge of the diaphragm part 22. A root 25 of the diaphragm part 22 formed in the main body 21 is positioned inside a diameter of the valve seat 13 and lower than the peripheral edge of the diaphragm part 22 which extends in a curve in a valve-closed state.